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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/049,696**DATE: 04/07/98
TIME: 14:03:01

INPUT SET: S24742.raw #3

This Raw Listing contains the General
Information Section and up to the first 5 pages.

8-5-98
D. L. O'Neil1 SEQUENCE LISTING
2
3 (1) General Information
4
5 (i) APPLICANT: BILLING-MEDEL, PATRICIA A.
6 COHEN, MAURICE
7 COLPITTS, TRACEY L.
8 FRIEDMAN, PAULA N.
9 HAYDEN, MARK
10 KLASS, MICHAEL R.
11 ROBERTS-RAPP, LISA
12 RUSSELL, JOHN C.
13 STROUPE, STEPHEN D.
14
15
16
17
18
19
20 (ii) TITLE OF THE INVENTION: REAGENTS AND METHODS USEFUL
21 FOR DETECTING DISEASES OF THE GASTROINTESTINAL
22 TRACT
23
24 (iii) NUMBER OF SEQUENCES: 51
25
26 (iv) CORRESPONDENCE ADDRESS:
27 (A) ADDRESSEE: Abbott Laboratories
28 (B) STREET: 100 Abbott Park Road
29 (C) CITY: Abbott Park
30 (D) STATE: IL
31 (E) COUNTRY: USA
32 (F) ZIP: 60064-3500
33
34 (v) COMPUTER READABLE FORM:
35 (A) MEDIUM TYPE: Diskette
36 (B) COMPUTER: IBM Compatible
37 (C) OPERATING SYSTEM: DOS
38 (D) SOFTWARE: FastSEQ for Windows Version 2.0
39
40 (vi) CURRENT APPLICATION DATA:
41 (A) APPLICATION NUMBER:
42 (B) FILING DATE:
43 (C) CLASSIFICATION:
44
45 (vii) PRIOR APPLICATION DATA:
46 (A) APPLICATION NUMBER: 08/829,754

ENTERED

**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/049,696**

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(B) FILING DATE: 31-MAR-1997

51 (viii) ATTORNEY/AGENT INFORMATION:
52 (A) NAME: Becker, Cheryl L.
53 (B) REGISTRATION NUMBER: 35,441
54 (C) REFERENCE/DOCKET NUMBER: 6067.US.P1
55
56 (ix) TELECOMMUNICATION INFORMATION:
57 (A) TELEPHONE: 847/935-1729
58 (B) TELEFAX: 847/938-2623
59 (C) TELEX:
60
61
62 (2) INFORMATION FOR SEQ ID NO:1:
63
64 (i) SEQUENCE CHARACTERISTICS:
65 (A) LENGTH: 223 base pairs
66 (B) TYPE: nucleic acid
67 (C) STRANDEDNESS: single
68 (D) TOPOLOGY: linear
69
70
71 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
72
73 GAAATCACAG GGAGATGTAC AGCAATGGGG CCATTTAAGA GTT
74 CTTCACCTTC TAGAAGGGGC CCTGAGTAAT TCACTCATTC AGC
75 GAAGGCATTG TCGTTGCAAT CGACCCCAAT GTGCCAGAAG ATG
76 ATAAAGGACA TGGTGACCCA GGCATCTCTG TATCTGTTG AAG
77
78 (2) INFORMATION FOR SEQ ID NO:2:
79
80 (i) SEQUENCE CHARACTERISTICS:
81 (A) LENGTH: 273 base pairs
82 (B) TYPE: nucleic acid
83 (C) STRANDEDNESS: single
84 (D) TOPOLOGY: linear
85
86 (ix) FEATURE:
87 (A) NAME/KEY: base_polymorphism
88 (B) LOCATION: 158
89 (D) OTHER INFORMATION: /note= " N'
90 T or C polymorphism at this
91
92 (ix) FEATURE:
93 (A) NAME/KEY: base_polymorphism
94 (B) LOCATION: 221
95 (D) OTHER INFORMATION: /note= " N'
96 T or C polymorphism at this
97
98 (ix) FEATURE:
99 (A) NAME/KEY: base polymorphism

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100          (B) LOCATION: 231
101          (D) OTHER INFORMATION: /note= " N' represents an A or G or
102                      T or C polymorphism at this position"
103
104          (ix) FEATURE:
105              (A) NAME/KEY: base_polymorphism
106              (B) LOCATION: 251
107              (D) OTHER INFORMATION: /note= " N' represents an A or G or
108                      T or C polymorphism at this position"
109
110          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
111
112          GTTGCAATCG ACCCCAATGT GCCAGAACGAT GAAACACTCA TTCAACAAAT AAAGGACATG      60
113          GTGACCCAGG CATCTCTGTA TCTGTTGAA GCTACAGGAA AGCGATTGTTA TTCAAAAAT      120
114          GTTGCCATTT TGATTCCTGTA AACATGGAAG ACAAAAGGNTG ACTATGTGAG ACCAAAACCTT    180
115          GAGACCTACA AAAATGCTGTA TGTTCTGGTT GCTGAGTCTA NTCCTCCAGG NAATGATGAA    240
116          CCCTACACTG NGCAGATGGG CAACTGTGGC GAG                                273
117
118          (2) INFORMATION FOR SEQ ID NO:3:
119
120          (i) SEQUENCE CHARACTERISTICS:
121              (A) LENGTH: 240 base pairs
122              (B) TYPE: nucleic acid
123              (C) STRANDEDNESS: single
124              (D) TOPOLOGY: linear
125
126
127          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
128
129          AAAATGCTGTA TGTTCTGGTT GCTGAGTCTA CTCCCTCCAGG TAATGATGAA CCCTACACTG      60
130          AGCAGATGGG CAACTGTGGA GAGAACGGGTG AAAGGATCCA CCTCACTCCT GATTTCATTTG    120
131          CAGGAAAAAA GTTAGCTGAA TATGGACCAC AAGGTAGGGC ATTTGTCCAT GAGTGGGCTC    180
132          ATCTACGATG GGGAGTATTG GACGAGTACA ATAATGATGA GAAATTCTAC TTATCCAATG    240
133
134          (2) INFORMATION FOR SEQ ID NO:4:
135
136          (i) SEQUENCE CHARACTERISTICS:
137              (A) LENGTH: 181 base pairs
138              (B) TYPE: nucleic acid
139              (C) STRANDEDNESS: single
140              (D) TOPOLOGY: linear
141
142
143          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
144
145          CAAAAGATGC ACATTCAATA AAGTAACAGG ACTCTATGAA AAAGGATGTG AGTTTGTCT      60
146          CCAATCCCCG CAGACGGAGA AGGCTTCTAT AATGTTGCA CAACATGTTG ATTCTATAGT    120
147          TGAATTCTGT ACAGAACAAA ACCACAACAA AGAAGCTCCA AACAAAGCAAA ATCAAAAATG    180
148          C                                181
149
150          (2) INFORMATION FOR SEQ ID NO:5:
151
152          (i) SEQUENCE CHARACTERISTICS:

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- 153 (A) LENGTH: 220 base pairs
 154 (B) TYPE: nucleic acid
 155 (C) STRANDEDNESS: single
 156 (D) TOPOLOGY: linear

157

158

159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

160

161 CTATAGTTGA ATTCTGTACA GAACAAAACC ACAACAAAGA AGCTCCAAAC AAGCAAAATC	60
162 AAAAATGCAA TCTCCGAAGC ACATGGGAAG TGATCCGTGA TTCTGAGGAC TTTAAGAAAA	120
163 CCACTCCTAT GACAACACAG CCACCAAATC CCACCTTCTC ATTGCTGCAG ATTGGACAAA	180
164 GAATTGTGTG TTTAGTCCTT GACAAATCTG GAAGCATGGC	220

165

166 (2) INFORMATION FOR SEQ ID NO:6:

167

168 (i) SEQUENCE CHARACTERISTICS:

169 (A) LENGTH: 252 base pairs

170 (B) TYPE: nucleic acid

171 (C) STRANDEDNESS: single

172 (D) TOPOLOGY: linear

173

174

175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

176

177 CAAAGAATTG TGTGTTTAGT CCTTGACAAA TCTGGAAGCA TGGCGACTGG TAACCGCCTC	60
178 AATCGACTGA ATCAAGCAGG CCAGCTTTTC CTGCTGCAGA CAGTTGAGCT GGGGTCCCTGG	120
179 GTTGGGATGG TGACATTGTA CAGTGCTGCC CATGTACAAA GTGAACTCAT ACAGATAAAC	180
180 AGTGGCAGTG ACAGGGACAC ACTCGCCAAA AGATTACCTG CAGCAGCTTC AGGAGGGACG	240
181 TCCATCTGCA GC	252

182

183 (2) INFORMATION FOR SEQ ID NO:7:

184

185 (i) SEQUENCE CHARACTERISTICS:

186 (A) LENGTH: 289 base pairs

187 (B) TYPE: nucleic acid

188 (C) STRANDEDNESS: single

189 (D) TOPOLOGY: linear

190

191 (ix) FEATURE:

192 (A) NAME/KEY: base_polymorphism

193 (B) LOCATION: 92

194 (D) OTHER INFORMATION: /note= " N' represents an A or G or

195 T or C polymorphism at this position"

196

197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

198

199 GAAATATCCA ACTGATGGAT CTGAAATTGT GCTGCTGACG GATGGGAAG ACAACACTAT	60
200 AAGTGGGTGC TTTAACGAGG TCAAACAAAG TNGTGCCATC ATCCACACAG TCGCTTTGGG	120
201 GCCCTCTGCA GCTCAAGAAC TAGAGGAGCT GTCCAAAATG ACAGGAGGTT TACAGACATA	180
202 TGCTTCAGAT CAAGTTCAGA ACAATGGCCT CATTGATGCT TTTGGGGCCC TTTCATCAGG	240
203 AAATGGAGCT GTCTCTCAGC GCTCCATCCA GCTTGAGAGT AAGGGATTA	289

204

205 (2) INFORMATION FOR SEQ ID NO:8:

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206
207      (i) SEQUENCE CHARACTERISTICS:
208          (A) LENGTH: 253 base pairs
209          (B) TYPE: nucleic acid
210          (C) STRANDEDNESS: single
211          (D) TOPOLOGY: linear
212
213
214      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
215
216      AACAAAGTGG TGCCATCATC CACACAGTCG CTTTGGGCC CTCTGCAGCT CAAGAACTAG   60
217      AGGAGCTGTC CAAAATGACA GGAGGTTTAC AGACATATGC TTCAGATCAA GTTCAGAACAA 120
218      ATGGCCTCAT TGATGTTTT GGGGCCCTTT CATCAGGAAA TGGAGCTGTC TCTCAGCGCT 180
219      CCATCCAGCT TGAGAGTAAG GGATTAACCC TCCAGAACAG CCAGTGGATG AATGGCACAG 240
220      TGATCGTGGAA CAG                           253
221
222      (2) INFORMATION FOR SEQ ID NO:9:
223
224      (i) SEQUENCE CHARACTERISTICS:
225          (A) LENGTH: 218 base pairs
226          (B) TYPE: nucleic acid
227          (C) STRANDEDNESS: single
228          (D) TOPOLOGY: linear
229
230
231      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
232
233      GAACAATGGC CTCATTGATG CTTTGCCCCC CCTTTCATCA GGAAATGGAG CTGTCTCTCA   60
234      GCGCTCCATC CAGCTTGAGA GTAAGGGATT AACCCCTCCAG AACAGCCAGT GGATGAATGG 120
235      CACAGTGATC GTGGACAGCA CCGTGGAAA GGACACTTTG TTTCTTATCA CCTGGACAAAC 180
236      GCAGCCTCCC CAAATCCTTC TCTGGATCC CAGTGGAC                           218
237
238      (2) INFORMATION FOR SEQ ID NO:10:
239
240      (i) SEQUENCE CHARACTERISTICS:
241          (A) LENGTH: 229 base pairs
242          (B) TYPE: nucleic acid
243          (C) STRANDEDNESS: single
244          (D) TOPOLOGY: linear
245
246
247      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
248
249      GGCACAGTGA TCCTGGACAG CACCGTGGGA AAGGACACTT TGTTTCTTAT CACCTGGACA   60
250      ACGCAGCCTC CCCAAATCCT TCTCTGGAT CCCAGTGGAC AGAAGCAAGG TGGCTTTGTA 120
251      GTGGACAAAA ACACCAAAAT GGCCTACCTC CAAATCCCAG CCATTGCTAA GGTTGGCACT 180
252      TGGAAATACA GTCTGCAAGC AAGCTCACAA ACCTTGACCC TGACTGTCA                           229
253
254      (2) INFORMATION FOR SEQ ID NO:11:
255
256      (i) SEQUENCE CHARACTERISTICS:
257          (A) LENGTH: 191 base pairs
258          (B) TYPE: nucleic acid

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**SEQUENCE VERIFICATION REPORT
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